

73748-11

08/28/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number: 73748-11

Date of Issuance: AUG 28 2013

Term of Issuance: Unconditional

Name of Pesticide Product: Aqua-Kontrol 30-30

NOTICE OF PESTICIDE:

- X Registration
Reregistration

(under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

Name and Address of Registrant (include ZIP Code):

Univar Environmental Sciences
11305 Four Points Drive
Building 1, Suite 120
Austin, Texas 78726

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This action is taken under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Registration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Terms of Registration

- 1. EPA has registered the product listed above provided that the following change is made to the label before you release the product for shipment:
a. Revise the EPA Registration Number to read "EPA Registration Number 73748-11".

Signature of Approving Official:

Refer to page #2.

Richard Gebken, Product Manager (10)

Date:

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2. You must generate a one year storage stability and corrosion characteristics study corresponding to guideline 830.6317 on the proposed product. It is required that the observations be made at 0, 3, 6, 9, and 12 month intervals. The results must be submitted to the Agency in electronic and hard copy format.

3. You must submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data, and submit acceptable responses required for registration review of your product under FIFRA.

4. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If you fail to comply with all of the **Terms of Registration** stated above, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e) and/or automatically expire. Your release for shipment of the product constitutes your acceptance of these conditions.

A copy of your label stamped "Accepted" is enclosed for your records. If you have any questions concerning this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

Sincerely yours,



Richard Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7505P)

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# Aqua-Kontrol 30-30

For use only by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

[ ] Bracketed text is Optional marketing statements

### [A Synergized Permethrin Formulation]

- [For Effective Control of Adult Mosquitoes (including organophosphate resistant mosquitoes), Midges (Biting and Non-Biting) and Blackflies.]
- [For ULV and Barrier Applications using Ground and Aerial Equipment for control of Adult Mosquitoes and other biting flies.]
- [Formulation Allows Dilution with Water or Oil.]
- [May be Applied Undiluted.]
- [For surface and barrier applications using handheld equipment.]
- [Quick Knockdown and Effective Control of Target insects.]
- [For ULV applications at rates up to 0.007 lbs. a.i. per acre.]
- [For barrier application at rates up to 0.1 lbs. a.i. per acre.]
- [Compatible with injector mixing systems or other insecticide mixing systems.]

**ACCEPTED**

**AUG 28 2013**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg No. **73748-11**

### ACTIVE INGREDIENTS:

*Permethrin: CAS [52645-53-1].....	30.0%
**Piperonyl Butoxide Technical CAS [51-03-6].....	30.0%
<b>OTHER INGREDIENTS:</b> .....	<b>40.0%</b>
Contains Petroleum Distillates	
<b>Total</b>	<b>100.0%</b>

\*(3-phenoxyphenyl)methyl(+/-)Cis/trans 3-(2,2-dichloroethenyl)2,2-Dimethyl cyclopropanecarboxylate.

Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

\*\* (butylcarbityl)(6-propylpiperonyl) ether and related compounds

Contains 2.52 lbs. a.i. Permethrin/gallon and 2.52 lbs. a.i. Piperonyl Butoxide/gallon

## KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entienda la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

<b>FIRST AID</b>	
<b>IF SWALLOWED:</b>	Immediately call a Poison Control Center or doctor immediately for treatment. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
<b>IF ON SKIN OR CLOTHING:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
<b>IF IN EYES:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>HOTLINE NUMBER</b>	
Have this product container or label with you when calling a poison control center or doctor or when going for treatment. For information on this product, contact the National Pesticide Information Center, 1-800-858-7378, Monday – Friday, 7:30 AM – 3:30 PM PST. You may also contact the National Poison Control Center, 1-800-222-1222, day or night, for emergency medical treatment information.	
Note to Physician: Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

See [side][back] panel for additional precautions.

EPA Reg. No. 73748-XX

EPA Est. No. XXXXX-XX-XXX

Net Contents:

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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear long sleeved shirt and long pants, shoes and socks, chemical resistant gloves (barrier laminate, nitrile rubber, neoprene rubber, viton, selection chart E). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber greater or equal to 14 mils or neoprene rubber greater or equal to 14 mils. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

**Mixers, loaders, applicators, and other handlers must wear:**

- Long-sleeve shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves for all handlers except for applicators using motorized ground equipment, pilots and flaggers,
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate-

See Engineering Controls for additional requirements.

**User Safety Requirements:**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**User Safety Recommendations:**

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run-off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run-off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift on blooming crops or weeds while bees are actively visiting the treatment areas

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## **ENVIRONMENTAL HAZARDS FOR WIDE AREA MOSQUITO ADULTICIDE APPLICATIONS**

This pesticide is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Run-off from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates.

When applying as a wide area mosquito adulticide, before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

When applying as a wide area mosquito adulticide, do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

## **PHYSICAL AND CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flame.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### **Use Restrictions:**

- Apply this product only as specified on this label.
- Do not contaminate food or feedstuffs.
- Application of this product using hand-held cold or thermal fogging equipment is prohibited.
- This product is not for use in metered release misting devices.
- Do not apply as a broadcast or spot treatment to indoor surfaces at residential sites, including nurseries, day-care centers, schools, hospitals and nursing homes.
- Except when applying for mosquito control, do not enter or allow others to enter treated area until sprays have dried.
- Except when applying for mosquito control, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Except when applying for mosquito control, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Application of this product is prohibited directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.
- Except when applying for mosquito control, only protected handlers may be in the area during application.
- Remove pets, birds, and cover aquariums and ornamental fish ponds before spraying, and turn aquarium systems off prior to use.
- **Aerial application of this product is prohibited in the State of Florida unless specifically authorized by the Bureau of Entomology and Pest Control, Florida Department of Agriculture and Consumer Services.**

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protections Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses.

- Keep unprotected persons out of treated areas until sprays have dried. Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. Eye protection, gloves, a long-sleeved shirt and long pants are recommended.
- Allow spray to dry before allowing adults, children or pets on treated areas.
- For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**HOW TO APPLY AND WHERE TO USE**

**Aqua-Kontrol 30-30** is designed for application as an Ultra-Low Volume (ULV) aerosol to control adult mosquitoes and flies of nuisance, public health or disease vector importance in areas such as but not limited to: residential areas, industrial areas, commercial areas, urban areas, parks, campgrounds, woodlands, athletic fields, golf courses, playgrounds, recreational areas, overgrown waste areas, roadsides, and other areas where adult mosquitoes and flies may be found.

**Aqua-Kontrol 30-30** is recommended for application with ULV aerosol generators, mist-blowers, backpack sprayers, or handheld sprayers. Mist-blowers, backpack sprayers, handheld sprayers and low-pressure hand sprayers may be used for barrier or surface applications.

FOR BEST RESULTS treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the fog near the ground e.g. cool temperatures, and consistent wind speeds are not greater than 10 m.p.h. Applications during the cool hours of night or early morning are usually preferable. Apply this product only when wind speed is greater than 1 mph. Air temperatures should be greater than 50° F when conducting all types of applications.

For use by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

Do not re-treat a site more than once in 3 days. Do not exceed 25 applications at 0.007 lbs. of permethrin per acre per application or 0.25 lbs. or 0.025 lbs. PBO per acre per application, or 0.18 lbs. permethrin per acre per season or 2.0 lbs. PBO per acre per year. When targeting *Aedes Taеirorhynchus* and other difficult species, applications of PBO may be made up to 0.08 lbs. PBO per acre. More frequent treatments may be made to prevent or control a threat to public and /or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne diseases in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

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**Aqua-Kontrol 30-30** can be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting flies within or adjacent to these areas. Application can only be made where the following crops are present:

Alfalfa	Corn, grain	Mushrooms
Almonds	(field	Onions,
Apples	and pop)	dry bulb
Artichokes, globe	Corn, stover	Peaches
Asparagus	Corn, sweet kernel	Pears
Avocados	+ cob with husks	Peppers, bell
Broccoli	removed	Pistachios
Brussels sprouts	Eggplant	Potato
Cabbage	Filberts	Range grasses
Cauliflower	Garlic	Soybeans
Celery	Horseradish	Spinach
Cherries	Leafy vegetables	Tomatoes
Corn, forage	(except Brassica)	Vegetables, cucurbit
Corn, fodder	Lettuce, head	Walnuts

Do not allow spray treatment to drift on cropland (other than crops listed) or water supplies.

In treatment of corrals, feedlots, animal confinements/houses, swine lots and zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

**Aqua-Kontrol 30-30** provides effective control of adult mosquitoes, black flies, gnats, biting and non-biting midges, stable flies, horse flies, deer flies, sheep flies, horn and heel flies, and nuisance flying insects such as houseflies.

**GROUND-BASED APPLICATION**

**Vehicle-Mounted ULV Aerosol Generators:** Apply through non-thermal ULV application equipment and base all acreage calculations on the equipment manufacturer's recommended swath width.

**DROPLET SIZE CALIBRATION FOR GROUND-BASED APPLICATION EQUIPMENT**

Spray equipment must be adjusted so the volume median diameter or mass median diameter is less than 30 microns ( $D_v 0.5 < 30 \mu m$ ) and that 90% of the spray is contained in droplets smaller than 50 microns ( $D_v 0.9 < 50 \mu m$ ). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to product acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rates(s) are properly calibrated.

Apply at a rate not to exceed 0.007 pounds of permethrin per acre. An optimum swath is created when **Aqua-Kontrol 30-30** is applied from a truck being driven perpendicular to the wind direction. Direct the spray head of the equipment to ensure an optimum distribution of the spray cloud throughout the area. For best results, apply when insects are most active and meteorological conditions are conducive to keeping the spray cloud near the ground. An inversion of air temperatures and a light breeze of approximately 1 to 3 mph are preferable. During applications consistent ground wind speeds should not exceed 10 MPH. Application of this product during cooler hours of the night or early morning is recommended.

The desired application rate may be obtained from the chart below or by altering the dilution rate of **Aqua-Kontrol 30-30**, the flow rate of the insecticide from the application equipment and the vehicle speed. Some examples are provided in the following chart. When an alternate rate is required, adjust the flow rate accordingly; provided the droplet size and spectrum remain within the label specifications.

FLOW RATE (Fluid Ounces Per Minute)						
Dilutions Based on a 15 Gallon Tank*						
Application Rate (Pounds of Permethrin a.i./Acre)	Vehicle Speed (MPH)	Undiluted	Diluted 1: 4	Diluted 1: 5	Diluted 1: 6.5	Diluted 1: 9
0.0015	10	0.46	2.32	2.77	3.50	4.7
	15	0.70	3.47	4.15	5.20	7.0
	20	0.93	4.64	5.60	7.00	9.3
0.00175	10	0.55	2.70	3.24	4.05	5.4
	15	0.82	4.05	4.84	6.07	8.1
	20	1.09	5.40	6.48	8.10	10.8
0.0035	10	1.09	5.40	6.48	8.1	10.8
	15	1.65	8.10	9.68	12.1	16.1
	20	2.19	10.8	12.9	16.1	21.5
0.007	10	2.19	10.7	12.9	16.1	21.5
	15	3.28	16.1	19.4	24.2	--
	20	4.38	21.4	25.8	--	--

\*Dilution Instructions: Fill tank with appropriate amount of water for the desired dilution, then add

**Aqua-Kontrol 30-30** and mix well. The use of metering pumps, injector systems or other mixing systems is optional. Note: When using oil as a diluent agitate well before use.

Where dense vegetation is present, use higher rates of application and/or a slower speed for best results. All applications should be conducted when temperatures are greater than 50° F.

**BACKPACK OR HANDHELD SPRAYER APPLICATION:** Apply through non-thermal ULV application equipment and base acreage calculations on a 300-foot swath. To apply undiluted at 0.007 pounds of permethrin per acre adjust equipment to an output rate of 0.86 ounces per minute and walk at 4 mph. To apply 0.0035 pounds of permethrin per acre, dilute 1 part **Aqua-Kontrol 30-30** with 6 parts of diluent and apply at a rate of 3 ounces per minute and walk at 4 mph.

**BARRIER APPLICATIONS:** To control resting or flying adult mosquitoes in areas such as animal quarters, roadsides, urban areas, residential areas, commercial areas, industrial areas, golf courses, parks, recreational areas, tire piles and all public areas where adult mosquitoes occur or find harborage. May be used to treat aggregation and harborage areas such as the perimeter of residential buildings, commercial buildings, storage buildings, crawl spaces, transport trailers, abandoned or uninhabited buildings and other areas where adult mosquitoes find harborage.

When this product is applied as a barrier application using low pressure hand sprayers, hydraulic sprayers or ground ULV equipment, do not apply within 100 feet (30 meters) of lakes and streams.

To apply this product using low pressure hand sprayers or other similar equipment, for the control of mosquitoes on resting or aggregation surfaces mix 0.0875 oz. (2.59 ml) in one gallon of water and apply sufficient spray to dampen the surface – approximately 700-750 square feet of treated area. Use equipment that is capable of delivering an even distribution of the labeled rate over the treatment area. For application using backpack or truck-mounted mist-blower equipment apply **Aqua-Kontrol 30-30** undiluted at a rate not to exceed 5.08 oz. per acre. If diluted apply at a rate not to exceed 0.1 lbs. permethrin a.i. per acre. Diluted or undiluted applications may be made onto foliage at the perimeter of areas such as recreational areas, parks, or golf courses from which mosquitoes or flies are to be excluded. Applications may be directed into harborage areas or other resting areas where adult mosquitoes or flies may be found.

**URBAN ULV MOSQUITO CONTROL APPLICATIONS:** For control of resting or flying adult mosquitoes, biting flies and biting midges in harborage areas such as but not limited to utility tunnels, sewers, storm drains and catch basins, pipe tunnels, basements, underground passages, parking decks, crawl spaces under buildings, abandoned buildings or uninhabited buildings. Apply **Aqua-Kontrol 30-30** diluted or undiluted using mechanical foggers, hand-held or truck-mounted ULV equipment, foggers or other spray equipment suitable for this type of application. **Aqua-Kontrol 30-30** maybe applied at rates up to but not exceeding 0.007 lbs. permethrin per acre.

**OUTDOOR RESIDENTIAL MISTING SYSTEMS**

When using this product installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed.

**Use Restrictions:**

- Do not apply this pesticide when people, pets, and/or food are present.
- Do not use in an evaporative cooling system.
- Direct nozzles to spray towards the target area and away from swimming pools, water bodies, or eating and cooking areas.
- Do not set nozzles to direct mist near outside air condition systems or other home air intakes.

If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: **“This container holds 1 part Aqua-Kontrol Concentrate to 219 parts water”** “

If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.

If the system works on an automatic timer, set the timing for application when people, pets, and/or food are unlikely to be present.

If the system works when a person operates a remote activation device, then application of this pesticide when people, pets, and/or food are present is prohibited.

Contact the system manufacture for guidance or assistance to ensure compliance with the following requirement:

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**"This product may only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.25 grams/0.00055 Lbs. permethrin and 0.26 grams/0.00058 lbs. PBO per 1000 cubic feet per day."**

**AERIAL APPLICATION:** Apply **Aqua-Kontrol 30-30** either diluted or undiluted at rates up to 0.007 lbs. Permethrin/PBO per acre by fixed wing or rotary aircraft equipped with a spraying system capable of making a ULV application. For aerial applications of **Aqua-Kontrol 30-30**, use ULV equipment and nozzles such as rotary atomizers or similar spray equipment.

**DROPLET SIZE CALIBRATION FOR AERIAL APPLICATION EQUIPMENT**

**Aerial Application made at ≤200 above ground elevation:** Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns (Dv 0.5 < 60 μm) and that 90% of the spray is contained in droplets smaller than 100 microns (Dv 0.9 < 100 microns). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

**Aerial Application made at >200 above ground elevation:** Spray equipment must be adjusted so that the volume median diameter produced is less than 70 microns (Dv 0.5 < 70 μm) and that 90% of the spray is contained in droplets smaller than 145 microns (Dv 0.9 < 145 microns). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Aerial application of **Aqua-Kontrol 30-30** must be made at altitudes ranging from 75 feet to 300 feet. Do not apply by fixed wing aircraft at a height less than 100 feet, or by helicopter at a height less than 75 feet unless specifically approved by the state or tribe based on public health needs. Do not apply when ground wind speed equals 0 MPH or when ground wind exceeds 10 MPH.

Apply at a sufficient airspeed to deliver the appropriate amount of a.i./acre (from 0.00175 to 0.007 # a.i./acre) and to achieve the appropriate droplet range. Flight speed and nozzle orientation must be considered in determining droplet size. Apply when wind speed is greater than 1 mph.

The spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or 90% rotor diameter.

Aerial applications of **Aqua-Kontrol 30-30** must be made when recommended by public health officials and trained personnel of mosquito abatement districts and other mosquito control programs. To ensure best results make applications when temperatures are greater than 50° F.

For best results, apply **Aqua-Kontrol 30-30** when insects are most active and meteorological conditions are conducive to keeping the spray cloud near the ground. Aerial applications using aircraft equipped with global positioning systems (GPS) may be needed to compensate for windy conditions and to ensure drift into target areas.

**IN FLORIDA:** Do not apply by aircraft **unless approved by** the Florida Department of Agriculture and Consumer Services.

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### STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal.

**Pesticide Storage and Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**Container Handling: Nonrefillable container.** Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities Triple Rinse as Follows:

**Containers 5 gallons or less in capacity:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Containers greater than 5 gallons in capacity:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure Rinse as Follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**NOTICE:** Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

Manufactured For:

Univar Environmental Sciences  
11305 Four Points Drive  
Building 1, Suite 120  
Austin, TX 78726